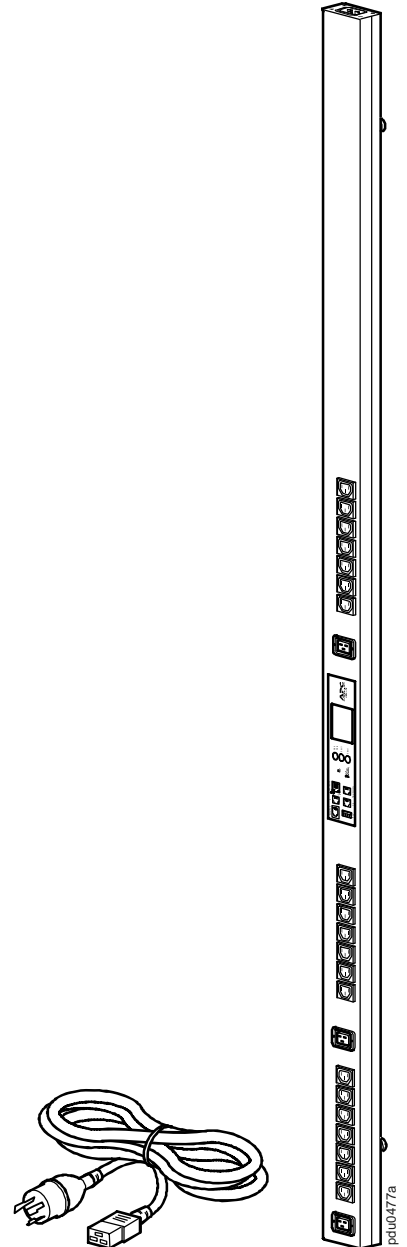




by **Schneider** Electric

# Switched Rack Power Distribution Unit (AP8959NA3)

## Overview and Specifications



## Overview

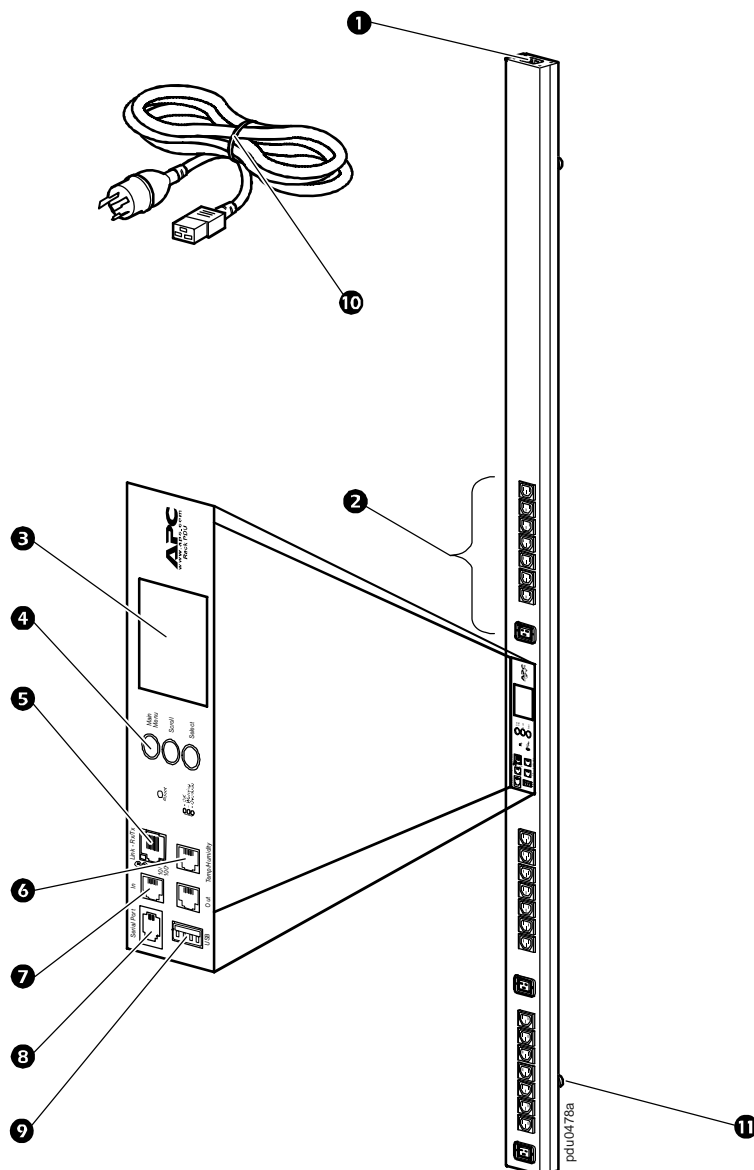
The APC by Schneider Electric Switched Rack Power Distribution Unit (PDU) distributes power to devices in the rack. It has a sensor that measures the current that it and its attached devices use. It can be monitored through Web, Telnet, SNMP, SSH, or InfraStruXure® Central interfaces.

**Outlets.** The Rack PDU has twenty-one (21) IEC-320-C13 and three (3) IEC-320-C19 locking outlets **2**. A green LED for each outlet turns on when the outlet is energized. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

**Display interface.** The liquid crystal display (LCD) **3** and input buttons **4** allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port **8**, and remote communication through the network port **5**. The USB **9** and CAN **7** ports enable data transfer for future expansion options. The environmental sensor port **6** allows for monitoring of the temperature and humidity of the room or enclosure.

**Power cord.** A detachable 3.0-m (10-ft) C19-to-NEMA L6-20P power cord **10** is provided. The Rack PDU has one (1) IEC-320-C20 inlet **1**.

**Toolless mounting.** The Rack PDU has two toolless mounting pegs **11** for 0 U mounting capability in a rack or enclosure.



## Specifications

### Electrical

Acceptable input voltage	100–240 VAC +6%, -10%
Maximum input current (phase)	16 A UL (derated) 16 A VDE 20 A PSE
Input frequency	50/60 Hz
Input connection	IEC-320-C20  Detachable C19-to-NEMA L6-20P power cord provided
Input power	3.3 kVA UL 3.7 kVA VDE 4.0 kVA PSE
Output voltage	100–240 VAC
Maximum output current (outlet)	IEC-320-C13: 12 A; IEC-320-C19: 16 A UL (derated) IEC-320-C13: 10 A; IEC-320-C19: 16 A VDE IEC-320-C13: 15 A; IEC-320-C19: 20 A PSE
Maximum output current (phase)	16 A UL (derated) 16 A VDE 20 A PSE
Output connections	Twenty-one (21) IEC-320-C13; three (3) IEC-320-C19

### Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	179.1 x 5.6 x 4.6 cm (70.5 x 2.2 x 1.8 in)
Power cord length	3.0 m (10 ft)
Shipping dimensions (H x W x D)	200.0 x 16.5 x 11.4 cm (78.8 x 6.5 x 4.5 in)
Weight/shipping weight	13.3 kg (29.4 lbs) / 15.2 kg (33.6 lbs)

### Environmental

Maximum elevation (above MSL) Operating/Storage	0–3 000 m (0–10,000 ft) / 0–15 000 m (0–50,000 ft)
Temperature Operating/Storage	–5 to 45°C (23 to 115°F) / –25 to 65°C (–13 to 149°F)
Humidity Operating/Storage	5–95% RH, non-condensing

### Compliance

EMC verification	FCC Part 15 Class A, ICES-003 Class A, VCCI-A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Safety verification	UL, VDE, PSE



Customer support and warranty information is available at the APC Web site, [www.apc.com](http://www.apc.com).

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